



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,910	01/11/2002	Frank Lee	TRNDP006	7252
22434	7590	11/17/2005	EXAMINER	
BEYER WEAVER & THOMAS LLP P.O. BOX 70250 OAKLAND, CA 94612-0250			MOORTHY, ARAVIND K	
			ART UNIT	PAPER NUMBER

2131

DATE MAILED: 11/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/043,910	Applicant(s) LEE ET AL.	
	Examiner Aravind K. Moorthy	Art Unit 2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is in response to the amendment filed on 26 August 2005.
2. Claims 1-35 are pending in the application.
3. Claims 1-35 have been rejected.

Response to Arguments

4. Applicant's arguments with respect to claims 1-35 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

5. Claims 24 and 34 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language. It's not clear to the examiner which request being modified and why. Examiner will interpret the claims to their broadest reasonable interpretation.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2131

6. Claims 1-35 are rejected under 35 U.S.C. 102(b) as being anticipated by Tso et al US 6,421,733 B1.

As to claim 1, Tso et al discloses a system for identifying undesirable content in responses sent in reply to a user request for content, the system comprising:

a user input device that generates a request for content including an address of a target server [column 2 line 56 to column 3 line 7];

a scan module that receives the user request for content and identifies the request as a request for content [column 3, lines 8-17];

a proxy module that modifies the request for content to be redirected to a proxy server [column 3, lines 31-44];

a network that routes the request for content to the proxy server [column 3, lines 18-30]; and

a proxy server that receives the request, forwards the request to the target server, and receives a response from the target server [column 3, lines 31-44].

As to claim 2, Tso et al discloses that the proxy server identifies undesirable content in the response and processes the response according to defined parameters [column 8, lines 51-67].

As to claim 3, Tso et al discloses that the proxy server sends at least a portion of the response to the user, the portion of the response not including the undesirable content [column 7 line 15 to column 8 line 9].

As to claim 4, Tso et al discloses that the proxy server sends a notification message back to the user, the notification message containing data related to the undesirable content [column 7 line 15 to column 8 line 9].

As to claim 5, Tso et al discloses the system further comprising:

a user preference module that receives user-defined parameters utilized by the proxy server when processing the response [column 7 line 15 to column 8 line 9].

As to claims 6, 19 and 31, Tso et al discloses that the proxy module redirects the request to the proxy server by modifying the request [column 3, lines 31-44].

As to claims 7, 20 and 32, Tso et al discloses that the proxy module modifies the request by adding a redirection destination header to the request [column 3, lines 31-44].

As to claim 8, Tso et al discloses that the proxy server further quarantines undesirable content [column 9, lines 12-25].

As to claims 9 and 26, Tso et al disclose that the undesirable content is a junk e-mail message, a computer virus, or pornographic material [column 9, lines 12-25].

As to claim 10, Tso et al discloses that the defined parameters are proxy server default parameters [column 8 line 51 to column 9 line 11].

As to claim 11, Tso et al discloses that the defined parameters are user-defined parameters [column 8 line 51 to column 9 line 11].

As to claim 12, Tso et al discloses that the defined parameters are a combination of user-defined parameters and proxy server default parameters [column 8 line 51 to column 9 line 11].

As to claims 13 and 14, Tso et al discloses that the scan module and the proxy module are located in a network gateway device [column 2 line 56 to column 3 line 17].

As to claim 15, Tso et al discloses that the network gateway device further comprises a firewall and a router [column 2 line 56 to column 3 line 17].

Art Unit: 2131

As to claim 16, Tso et al discloses a method for identifying undesirable content in responses sent in reply to a user request for content, the method comprising:

- receiving input from a user including at least one request for content addressed to a target server [column 2 line 56 to column 3 line 7];

- identifying the request for content [column 3, lines 8-17];

- redirecting the request for content to a proxy server [column 3, lines 31-44];

- receiving the request for content at the proxy server [column 3, lines 31-44];

- sending the request for content from the proxy server to the target server for generation of a response [column 3, lines 31-44];

- receiving the response from the target server at the proxy server [column 3, lines 31-44];

- scanning the response for undesirable content [column 3, lines 31-44];
- and

- processing the response according to defined parameters [column 3, lines 31-44].

As to claim 17, Tso et al discloses the method further comprising:

- identifying undesirable content in the response [column 9, lines 12-25];

- modifying the response to remove the undesirable content [column 9, lines 12-25]; and

sending the modified response from the proxy server to the use [column 9, lines 12-25]r.

As to claim 18, Tso et al discloses that the request for content is identified by examining the request protocol [column 4, lines 14-37].

As to claims 21 and 33, Tso et al discloses that the request for content is redirected to the proxy server by establishing a session with the proxy server [column 3, lines 31-44].

As to claim 22, Tso et al discloses the method further comprising:

receiving input of at least one user-defined parameter for use by the proxy server in processing the undesirable content [column 8 line 51 to column 9 line 11].

As to claims 23, Tso et al discloses that the user-defined parameter is input using a browser application [column 8 line 51 to column 9 line 11].

As to claims 24 and 34, Tso et al discloses that the user-defined parameter is sent to the proxy server by modifying the request [column 8 line 51 to column 9 line 11].

As to claims 25 and 35, Tso et al discloses that the user-defined parameter is sent to the proxy server during a session established with the proxy server [column 8 line 51 to column 9 line 11].

As to claim 27, Tso et al discloses a computer-readable medium for redirecting a user request for content addressed to a target server, the medium comprising instructions for:

receiving user input that includes at least one user request for content [column 2 line 56 to column 3 line 7];

identifying the request for content [column 3, lines 8-17];

forwarding the request for content to a proxy module [column 3, lines 31-44];

the proxy module for receiving the request for content [column 3, lines 31-44]; and

redirecting the request for content to a proxy server [column 3, lines 31-44].

As to claim 28, Tso et al discloses the computer-readable medium further comprising:

receiving at least one user-defined parameter related to processing of the response by the proxy server [column 8 line 51 to column 9 line 11].

As to claim 29, Tso et al discloses that the user-defined parameter is utilized by the proxy server in processing a response that includes undesirable content [column 8 line 51 to column 9 line 11].

As to claim 30, Tso et al discloses the computer-readable medium further comprising:


a database for storing the at least one user-defined parameter [column 8 line 51 to column 9 line 11].


Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aravind K. Moorthy whose telephone number is 571-272-3793. The examiner can normally be reached on Monday-Friday, 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Aravind K Moorthy 
November 10, 2005


Primary Examiner
AU 2131
11/14/05